Ideation Phase
Brainstorm & Idea Prioritization Template

Date	31 January 2026
Team ID	LTVIP2026TMIDS87433
Project Name	Rain Prediction Pipeline Flask
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization:

Our team discussed common problems related to weather prediction, especially the difficulty in knowing whether it will rain in advance. Each member shared ideas such as weather apps, alert systems, and prediction websites.
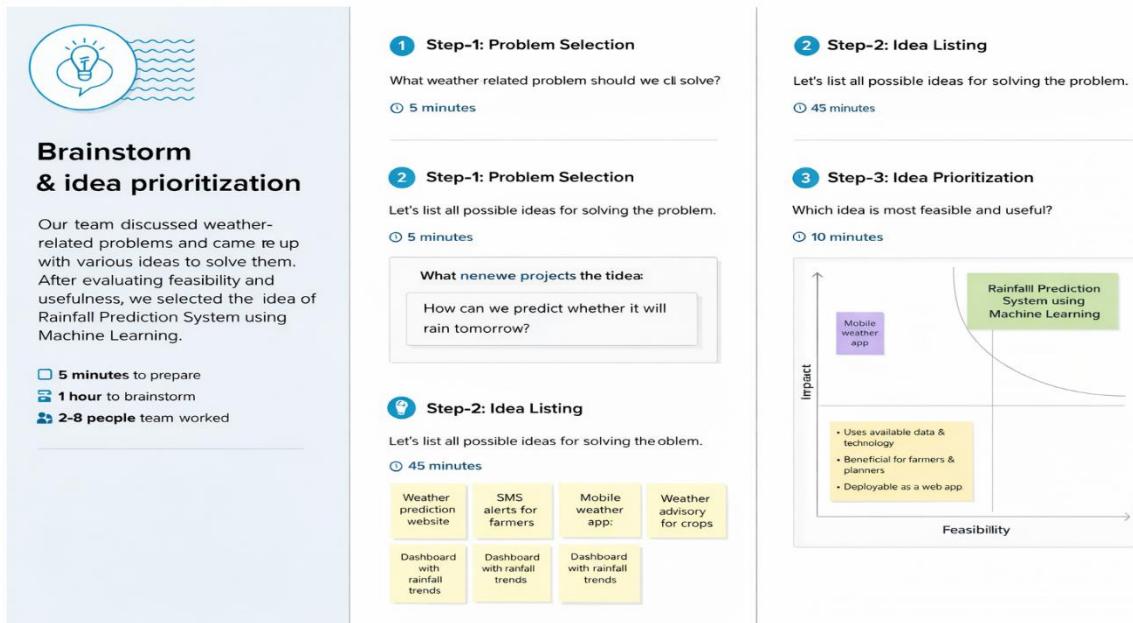
After discussion, we selected **Rainfall Prediction using Machine Learning** as our project. This idea was chosen because it solves a real-world problem and allows us to apply data analysis, machine learning models, and web deployment using Flask.

We finalized this idea based on:

- Easy availability of weather data
- Practical use for farmers and planners
- Scope to implement ML concepts
- Ability to deploy as a web application

Final Selected Idea: Rainfall Prediction System using Machine Learning and Flask.

Step-1: Team Gathering, Collaboration and Select the Problem Statement

Step-2: Brainstorm, Idea Listing and Grouping

② Idea Listing

Write down as many ideas as possible for predicting rainfall.

🕐 15 minutes

Tip 🔻
Write as many ideas as you can. Afterwards, we'll group similar ideas together to organize the list.

Athreya
- Weather prediction website
- Mobile app

Rohit
- SMS alerts for farmers
- Weather API integration

Person 3
- SMS alerts for farmers
- IoT rain sensors

Person 4

Person 3

Person 5

Person 6

Person 7

Person 8
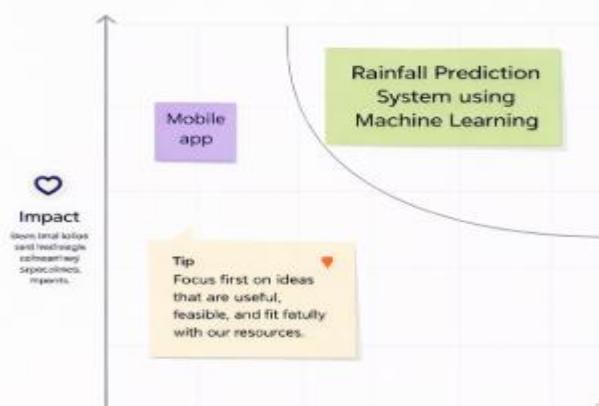
Person 8

Step-3: Idea Prioritization

③ Idea Prioritization

Which idea is most useful and feasible for our project?

🕐 30 minutes

Rainfall Prediction System using Machine Learning

Mobile app

Impact

Tip
Focus first on ideas that are useful, feasible, and fit fatally with our resources.

Feasibility

Tip:
- Focus first on ideas that are useful, feasible, and fit naturally with our resources.